

Ground-Based Pressure Vessels and Pressurized Systems (PVS) Certification

KDP-KSC-P-3621

Rev: Basic-1

Objectives:

- Define the process by which the PVS requirements in [NASA STD 8719.17](#) and [KNPR 8715.3-1](#) are met.
- Maintain the integrity and safety of KSC's PVS.

Approved by: _____
Acting Director, Safety and Mission Assurance

Note 1: For new PVS, the PVS owner is responsible to verify each component's specification to ensure that each meets the PVS requirements and that each has the necessary documentation before PVS construction.

Note 2: NASA KSC PSM approval is required before using KSC Simple Certification. Criteria for use can be found in KNPR 8715.3-1 and on SCR form under "Ground Rules for use of the KSC SCR" section.

Note 3: Each directorate will establish their own internal approach for review.

Note 4: After approval by the NASA Directorate PVS Representative, post the certification report/exclusion request form on the SharePoint site which is located at <https://sp.ksc.nasa.gov/sa/sa-e/PVS> for KSC PSM to review/approve. Set priority with the PSM. If no priority is set, the reports will be reviewed on a first come first serve basis.

Note 5: The PVS Owner must allow sufficient time during the certification process for the PSM to review the certification report/exclusion request form and to address issues identified by the PSM. The initial review of an SCR/exclusion request form requires at least five (5) working days, and the initial review of a full certification report requires at least ten (10) work days. Actual turnaround times will ultimately depend upon the PSM's workload.

Note 6: NASA KSC PSM will assign an exclusion number only for excluded PVS for tracking purposes.

Note 7: NASA NE and Engineering Services Contractor use KSC Engineering Documentation System (KEDS) and KSC Design and Data Management System (KDDMS), Institutional Support Contractor use Engineering Documentation Center (EDC)/KEDS, and Test & Operation Support Contractor use Tech Data Center (TDC)/KEDS.



